

Form PTO-1449		ATTY DOCKET NO. 0933-0170P		APPLICATION NO. 09/936,823	
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)		APPLICANT PENTTILA, Merja et al.			
		FILING DATE September 18, 2000		GROUP Unassigned	
<b>U.S. PATENT DOCUMENTS</b>					
EXAMINER SWL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	5,139,943	1992-08-18	Heinsohn et al.		
<b>FOREIGN PATENT DOCUMENTS</b>					
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
SWL	0 574 050 A1	1993-12-15	EPO		
SWL	WO 94/01567	1994-01-20	PCT		
<b>OTHER DOCUMENTS</b> (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.					
SWL	Stahl et al., "Bacterial surface display: trends and progress"; Elsevier Science Ltd., Tibtech, May 1997, Vol. 15, pp.185-192				
	Schreuder et al., "Immobilizing proteins on the surface of yeast cells"; Elsevier Science Ltd., Tibtech; April 1996, Vol. 14, pp. 115-120.				
	Kohler et al; "Engineering proteins to enhance their partition coefficients in aqueous two-phase systems"; Bio/Technology; Vol. 9, 1991; pp. 642-646.				
	Berggren et al., "Genetic engineering of protein-peptide fusions for control of protein partitioning in thermoseparating aqueous two-phase systems", Biotechnology and Bioengineering, Vol. 62, No. 2, January 20, 1999; pp. 135-144.				
	Hassinen et al., "Polyethylene glycol-potassium phosphate aqueous two-phase systems insertion of short peptide units into a protein and its effects on partitioning", Journal of Chromatography A, Vol. 668, 1994, pp. 121-128.				
SWL	Huddleston et al., "On the use of mild hydrophobic interaction chromatography for 'Method Scouting' protein purification strategies in aqueous two-phase systems: A Study Using Model Proteins", Biotechnology and Bioengineering, Vol. 44, 1994, pp.626-635.				
EXAMINER		DATE CONSIDERED			
		5-25-04			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

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GMM/CAM: bmp

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Form PTO-1449		ATTY DOCKET NO. 0933-0170P		APPLICATION NO. New			
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)				APPLICANT PENTTILÄ, Merja et al.			
				FILING DATE September 18, 2001			
GROUP Unknown							
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER		DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
SWL	WO	9 2 0 7 8 68	May 14, 1992	WIPO			
SWL	WO	9 4 1 8 3 30	August 18, 1994	WIPO			
SWL	WO	9 4 0 4 6 73	March 3, 1994	WIPO			
<b>OTHER DOCUMENTS</b> (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.							
SWL	✓	HAN et al., "Effects Of Salts And Poly(ethylene Glycol)-palmitate On The Partitioning Of Proteins...", <i>Colloids and Surfaces B: Biointerfaces</i> , Vol. 9, 1997, pp. 109-116.					
	✓	HACHEM et al., "Hydrophobic Partitioning Of Proteins In Aqueous Two-phase Systems, <i>Enzyme and Microbial Technology</i> , Vol. 19, 1996, pp. 507-517.					
	✓	FRANCO et al., "Conservative Chemical Modification of Proteins to Study the Effects of a Single Protein...", <i>Biotechnology and Bioengineering</i> , Vol. 49, 1996, pp 290-299.					
	✓	KUBOI et al., "Evaluation Of Surface Net And Local Hydrophobicities During Acid- And Salts-Induced Conformational Change Of Cytochrome C...", <i>Journal of Chemical Engineering of Japan</i> , Vol. 28, No. 1, 1995, pp. 97-102.					
	✓	KUBOI et al., "Evaluation of Surface Properties and Partitioning of Proteins in Aqueous Two-Phase Extraction Systems", <i>Solvent Extractions Res. Dev. Japan</i> , Vol. 1, 1994, pp. 42-52.					
	✓	NAKARI-SETALA et al., "Differential Expression Of The Vegetative And Spore-Bound Hydrophobins Of <i>Trichoderma Reesei</i> -Cloning...", <i>European Journal of Biochemistry</i> , Vol. 248, No. 2, Sept. 1, 1997, pp. 415-423 (abstract only).					
	✓	NAKARI-SETALA et al., "Genetic and Biochemical Characterization of the <i>Trichoderma Reesei</i> Hydrophobin HFBI", <i>European Journal of Biochemistry</i> , Vol. 235, No.1-2, Jan. 15, 1996, pp. 248-255 (abstract only).					
	✓	BODHANKAR et al., "Effect of Surface Active Additives on Partitioning of Proteins and Enzymes in Poly(ethylene glycol)/Dextran Aqueous Two-Phase Systems", <i>J. Chem. Technol. Biotechnol.</i> , Vol. 73, 1998, pp. 251-258.					
	✓	SVENSSON et al., "Aqueous Two-Phase Systems Containing Self-Associating Block Copolymers Partitioning of Hydrophilic and Hydrophobic Biomolecules", <i>Journal of Chromatography A</i> , Vol. 839, 1999, pp. 71-83.					
SWL		CARLSSON et al., "Effects Of Fused Tryptophan Rich Peptides To A Recombinant Protein A Domain On The Partitioning...", <i>Journal Of Chromatography A</i> , 1996, pp. 107-117.					
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